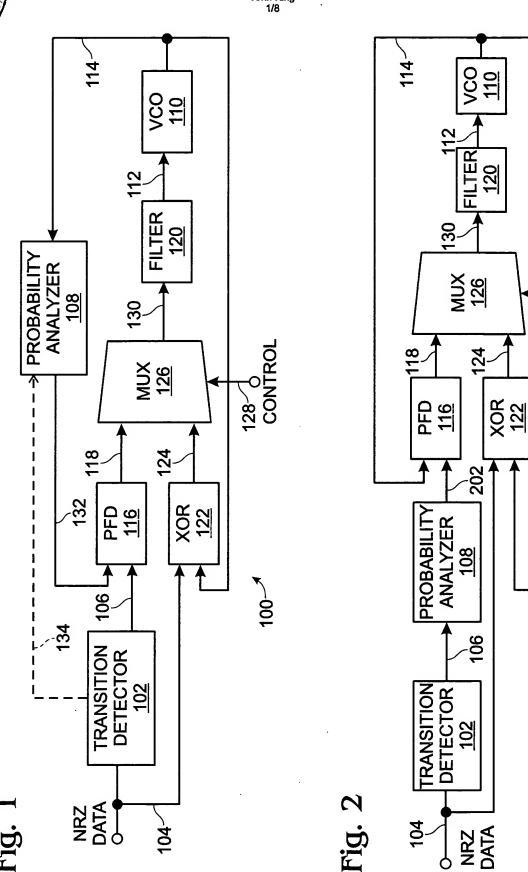


### REPLACEMENT SHEET System and Method for Generating a Reference Clock Serial No.: 10/083,942 John King 1/8



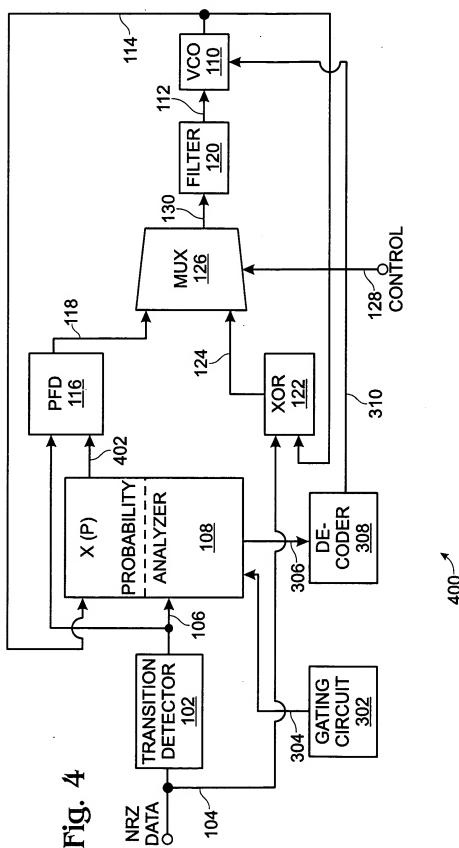
128 CONTROL

200

#### REPLACEMENT SHEET System and Method for Generating a Reference Clock Serial No.: 10/083,942 John King 2/8 AUG 0 5 2005 TEN MADEN 114 110 CDR 527 516-000 514 130 ->PROBABILITY FILTER CONTROL **ANALYZER** 526 MUX 126 508 128 524 PFD 522 XOR 122 PFD 116 530 520 REFERENCE FREQUENCY 510 SOURCE MEMORY 518 PROBABILITY 528 DE-CODER **ANALYZER** 308 306 ₹ 108 506-310-300 304 FREQUENCY DETECTOR 106 502 GATING CIRCUIT 302 DETECTOR 102 **TRANSITION** NRZ DATA Fig. 5 NRZ DATA 104

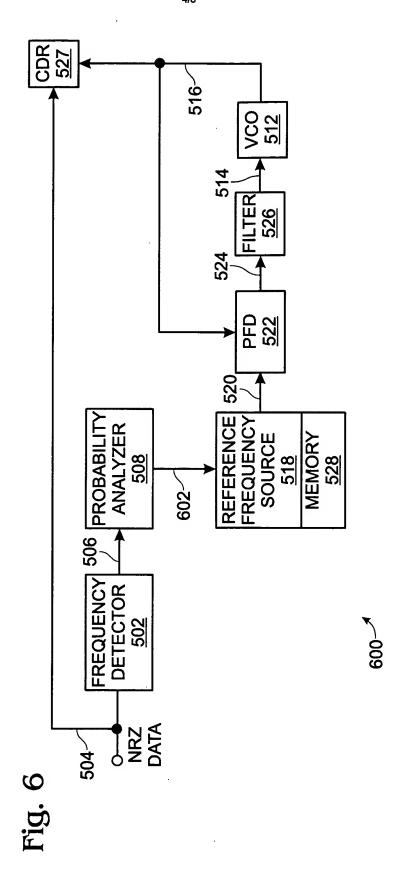


#### REPLACEMENT SHEET System and Method for Generating a Reference Clock Serial No.: 10/083,942 John King 3/8





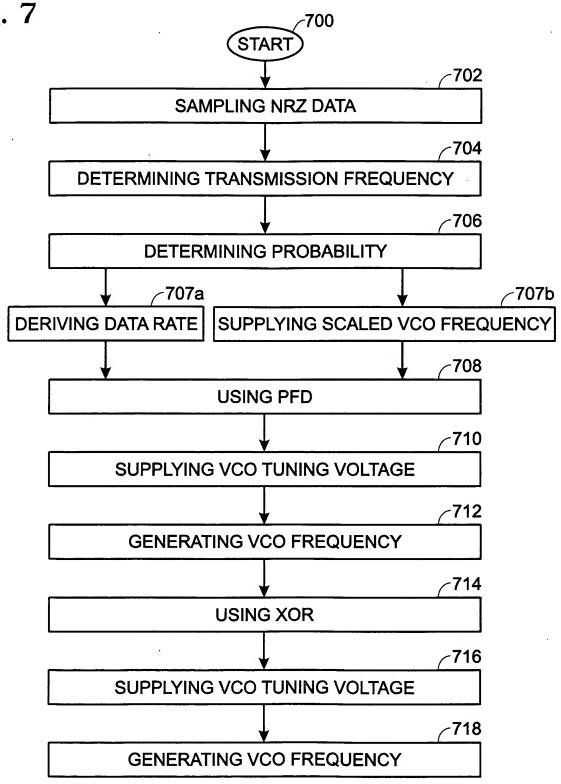
## REPLACEMENT SHEET System and Method for Generating a Reference Clock Serial No.: 10/083,942 John King 4/8





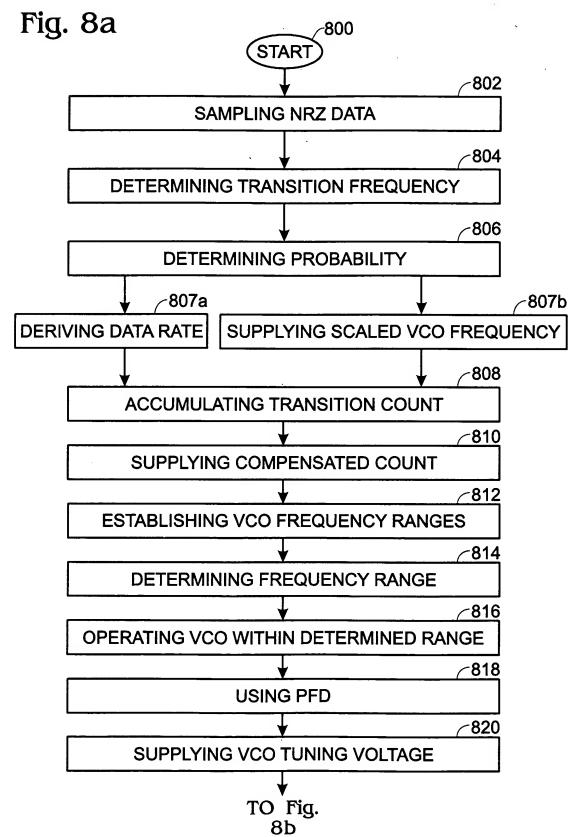
#### REPLACEMENT SHEET System and Method for Generating a Reference Clock Serial No.: 10/083,942 John King 5/8





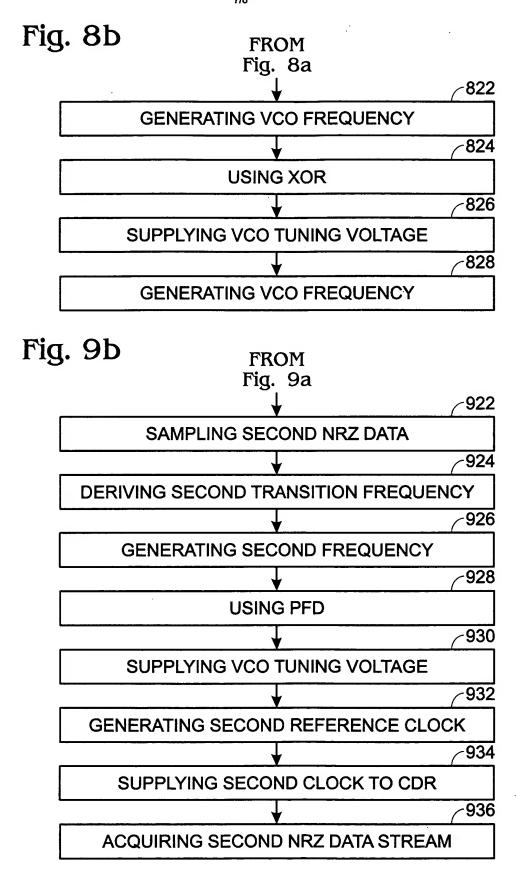


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# AUG 0 5 2005 CA

#### REPLACEMENT SHEET System and Method for Generating a Reference Clock Serial No.: 10/083,942 John King 8/8

